

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated May 17, 2005 has been received and its contents carefully reviewed. Further, the Examiner is thanked for the courtesy of a personal interview on October 7, 2005.

Claims 1, 15, 17, and 23 have been amended, and claims 14 and 16 have been canceled. Claims 1-13, 15, 17-30 remain pending.

In the Office Action the Examiner rejected claims 1-5, 8-16, 23-28, and 30 under 35 U.S.C. 103(a) as being unpatentable over Applicant's Related Art ("ARA") in view of Moon (U.S. Patent Application No. 2002/0149575). Applicant thanks the Examiner for the allowance of claims 18-22 and the indication that claims 6, 7, 17, and 29 are allowable if rewritten in independent form.

The rejection of claims 1-5 and 8-13 under U.S.C. § 103(a) is respectfully traversed and reconsideration is requested. Claim 1 is allowable over the cited references in that this claim recites a combination of elements including, for example, "a threshold voltage compensator arranged between the gamma voltage generator and the supply voltage source for controlling the supply voltage to compensate for a threshold voltage of drive thin film transistors and for applying the controlled supply voltage to the gamma voltage generator". ARA and Moon either singly or in combination do not teach or suggest at least this feature of the claimed invention.

As recommended by the Examiner, claim 1 has been amended to more clearly specify the function of the threshold voltage compensator to compensate for a threshold voltage of drive thin film transistors. Moon does not disclose such a threshold voltage compensator. Moon is directed to selecting a gamma curve for a liquid crystal display according to the viewing angle of the display, such for example in a laptop computer. (See Moon Abstract.) In Figure 3 of Moon, a variable resistor VR2 is used to divide an input drive voltage to vary the gamma voltages applied to a liquid crystal panel 450. The variable resistor VR2 is mounted so as to correspond to the rotational position of the display in a notebook computer. (See Moon, para. 57-58.)

Therefore, Moon is trying to compensate for viewing angle rather than compensating for a threshold voltage of a drive thin film transistor that is not taught in Moon at all. Accordingly, claim 1 and claims 2-5 and 8-13, which depend from claim 1, are allowable over the cited references.

Claim 17, which was objected to, has been amended to be in independent form including all of the limitations of the base claim and any intervening claims. Therefore claim 17 is allowable, and claim 15, which now depends from claim 17, is allowable as well.

Claim 23 has been amended as suggested by the Examiner. Claim 23 now recites "a plurality of gamma voltage generators, each associated with one of the plurality of panels, provided to each data driver for applying a plurality of gamma voltages to corresponding ones of the data drivers, wherein the gamma voltages are usable in forming analog data signals corresponding to the externally inputted data signals and wherein different gamma voltages are applicable by different gamma voltage generators such that pictures are displayable at a substantially uniform brightness by the plurality of panels." This feature of claim 23 is not taught by the ARA or Moon as they do not teach accomplishing a substantially uniform brightness of a plurality of panels. Accordingly claim 23 and claims 24-30, which depend from claim 23, are allowable over the ARA and Moon.

Claims 14 and 16 have been cancelled, so their rejections are now moot.

Applicants believe the foregoing amendments place the application in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the


Application No.: 10/692,732
Amdt. dated October 20, 2005
Reply to Office Action dated May 17, 2005

Docket No.: 8733.889.00

filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Dated: October 20, 2005

By 
Eric J. Nuss
Registration No. 40,106

McKENNA LONG & ALDRIDGE LLP
1900 K Street, N.W.
Washington, DC 20006
(202) 496-7500
Attorneys for Applicant